

IN THE CLAIMS

Claims pending:

- At time of the Action: 42-57
- After this Response: 42-57

Currently Amended claims: None

Canceled or Withdrawn claims: 1-41 and 58

This listing of claims replaces all prior versions and listings:

1-41. (canceled)

42. (previously presented) A system, comprising:

an application;

a data source locally accessible to the application that includes a plurality of data elements;

software to select a configuration and an appearance of a list of data items from the data source to be presented; and

a list manager to be instantiated by the software to:

act as an interface between the data source and the list;

receive the configuration and the appearance from the software, access the data source, and populate the list of data items according to the configuration and the appearance; and

wrap one or more display controls that are attached to the list with a property that stores a unique identifier that specifies which said data element a particular said display control is currently displaying, the unique identifier identifying an additional property of said data element from the data source without listening to a data item corresponding to said data element.

43. (previously presented) A system as recited in claim 42, wherein the list manager further populates the list of data items according to a scrolling event.

44. (previously presented) A system as recited in claim 42, wherein the list manager is capable of residing on various systems using various computing platforms and being added to various applications.

45. (previously presented) A method comprising:
receiving properties from an application of a user-selectable display list to be displayed in a graphical user interface;
attaching user-selectable display controls to the display list;
accessing data elements from a data source, the data elements to be displayed in the display controls;
establishing a display state of the display controls;
receiving a request to change data elements in the display controls; and
managing the data elements in the display controls by wrapping one or more said display controls with a property that stores a unique identifier that specifies which said data element a particular said display control is currently displaying, the unique identifier enables the application to request an additional property of said data element from the data source beyond that which is currently displayed within the display list without listening to a display control corresponding to said data element.

46. (previously presented) The method as recited in claim 45, wherein:
the managing includes managing a display state of the display controls; and
the display state changes between a request to change data elements in the display controls and an actual change of the data elements in the display controls.

47. (previously presented) The method as recited in claim 45, wherein:
the managing includes managing a display state of the display controls; and

the display state of the display controls changes while data elements in the display controls are changing.

48. (previously presented) The method as recited in claim 47, wherein:
the managing includes managing a display state of the display controls; and
the display state changes in response to a selection of a user of the list generating engine.

49. (previously presented) The method as recited in claim 45, wherein:
the managing includes managing a display state of the display controls; and
the display state of the display controls is managed simultaneously while managing the data elements in the display controls.

50. (previously presented) The method as recited in claim 45, wherein:
the application listens to forwarded events without listening to the events directly from the display list.

51. (previously presented) A list generating engine that extends an application program interface (API), comprising:

means for receiving properties of a user-selectable display list to be displayed in a graphical user interface from an application;

means for attaching user-selectable display controls to the display list;

means for accessing data elements from a data source, the data elements to be displayed in the display controls;

means for establishing a display state of the display controls;

means for receiving a request to change data elements in the display controls;

means for managing the data elements in the display controls according to the display state; and

means for requesting an additional property of said data element from the data source beyond that which is currently displayed within the display list without listening to a display control corresponding to said data element.

52. (previously presented) The list generating engine as recited in claim 51, further comprising means for changing the display state of the display controls while continuing to manage the data elements in the display controls.

53. (previously presented) The list generating engine as recited in claim 52, wherein the display state of the display controls changes between a request to change data elements in the display controls and an actual change of the data elements in the display controls.

54. (previously presented) The list generating engine as recited in claim 52, wherein the display state of the display controls changes while data elements in the display controls are changing.

55. (previously presented) The list generating engine as recited in claim 54, wherein the display state changes in response to a selection of a user of the list generating engine.

56. (previously presented) The list generating engine as recited in claim 51, further comprising means for managing the display state of the display controls, wherein the means for managing the display state of the display controls functions simultaneously with the means for managing the data elements in the display controls.

57. (previously presented) The list generating engine as recited in claim 51, wherein the application listens to forwarded events without listening to the events directly from the display list.

58. (canceled)